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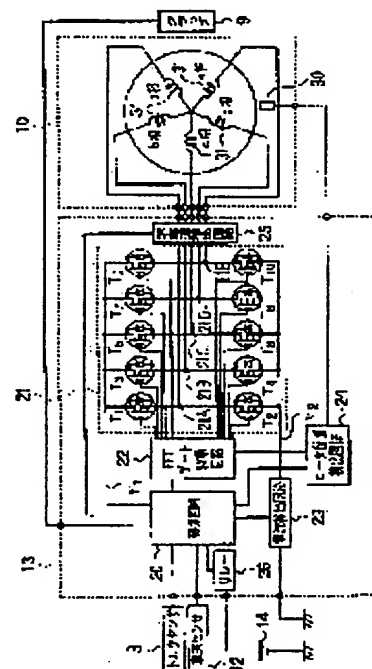
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## (54) ELECTRIC POWER STEERING DEVICE

## (57)Abstract:

**PROBLEM TO BE SOLVED:** To provide an electric power steering device for preventing a steering wheel from being heavily operated suddenly even if abnormality is generated in an electric motor.

**SOLUTION:** Output terminals 21A to 21E between field-effect transistors T1 to T10 of a FET circuit 21 are joined to exciting coils 31 via non-conductivity detecting circuit 25. The non-conductivity detecting circuit 25 detects the presence of terminal voltage of each phase of exciting coils 31 by monitoring a current passing between each of output terminals 21A to 21E and an outer edge side of each phase of exciting coils 31 and sends the results of detection to a control circuit 20. The control circuit 20 judges if a brushless motor 10 is normal or one of each of phases is nonconductive or abnormal and, if one phase is nonconductive or abnormal, a driving current passing through a brushless motor 10 is reduced as compared with a current when it is normal in a state where a clutch 9 and a relay 26 stay on.



## LEGAL STATUS

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